

REMARKS

The Office Action of July 19, 2002, has been carefully considered.

Applicants have enclosed herewith formal drawings as required by the Examiner.

It is noted that claims 1-4 are rejected under 35 USC 103(a) over Shioda, et al. in view of Snider, et al.

Applicant has amended the claims to recite that the shield is arranged to reduce current circulating in the bearing so as to prevent bearing damage, as was argued in the remarks of the last filed amendment. The Examiner found these remarks not to be persuasive since the limitation was not recited in the claims. Now that the claims have been amended to recite this limitation it is respectfully submitted that, based upon the remarks provided in the last filed amendment, which remarks are incorporated herein by reference, neither Shioda, et al. nor Snider, et al. taken either alone or in combination address the problems being solved by the presently claimed invention or teach preventing capacitively coupled currents from circulating through the stator and the bearing so as to prevent damage to the bearing, as in the presently claimed invention.

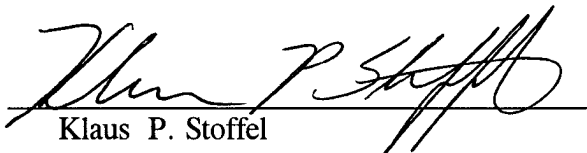
In view of these considerations as well as the remarks presented in the last filed amendment it is respectfully submitted that rejection of claims 1-4 under 35 USC 103(a) is overcome and should be withdrawn.

Reconsideration and allowance of the present application are respectfully requested.

It is believed that no fees or charges are required at this time in connection with the present application; however, if any fees or charges are required at this time, they may be charged to our Patent and Trademark Office Deposit Account No. 03-2412.

Respectfully submitted,

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Dated: October 21, 2002

In the Claims:

1. (Amended) A three phase converter fed motor, comprising:

a shaft mounted in bearings;

a stator having a laminated core, a winding and a plurality of slots, the winding having a current fed side, the stator being operatively connectable to a three phase-current via the winding;

a shield comprising an electrically conductive layer, the shield being operatively arranged between the current fed side of the winding and the laminated core so as to shield each slot, the shield being one of grounded and conductively connected to the laminated core only on the current fed side of the winding whereby amplitudes of capacitive currents circulating in the stator and bearings are reduced so as to prevent bearing damage;

first insulating means operatively arranged between the shield and the winding for insulating the shield from the winding; and

second insulating means operatively arranged between the shield and the laminated core for insulating the shield from the laminated core.